

Claims

1. Use of a composition comprising:

- (a) a polyisobutene having a glass transition temperature of less than -20°C and surface tension of less than 40 mM/m at a temperature above the glass transition temperature of said polyisobutene,
- (b) a filler material, and
- (c) an anti-oxidant composition, wherein said anti-oxidant composition comprises a primary and/or a secondary anti-oxidant, the primary anti-oxidant being selected from the group consisting of sterically hindered phenol compounds, provided that the sterically hindered phenol compound is not 2,6-di-t-butyl-4-methylphenol, .

for the protection of a shaped article against corrosion.

2. Use according to claim 1, wherein the anti-oxidant composition comprises at least 15 two anti-oxidants.

3. Use according to claim 1 or claim 2, wherein the anti-oxidant composition comprises a primary anti-oxidant and a secondary anti-oxidant.

4. Use according to any one of claims 1 - 3, wherein the sterically hindered phenol compound comprises at least two sterically hindered phenol groups.

20 5. Use according to any one of claims 1 - 4, wherein the secondary anti-oxidant is selected from the group consisting of fosfites and thioesters.

6. Use according to any one of claims 1 - 5, wherein the anti-oxidant composition further comprises a lactone.

25 7. Use according to any one of the preceding claims, wherein the shaped article is an oil or gas line or pipe.

8. Wrapping tape for the protection of a shaped article against corrosion, wherein the wrapping tape comprises:

- (a) a first layer comprising a film, said film comprising a polymer or a copolymer of one or more α -olefins and/or diolefins, and
- 30 (b) a second layer comprising the composition according to any one of claims 1 - 7.

9. Process for the manufacturing of a wrapping tape according to claim 8, wherein a composition according to any one of claims 1 - 7 is laminated onto a film, said

film comprising a polymer or a copolymer of one or more α -olefins and/or diolefins.

10. 10. A shaped article comprising the composition according to any one of claims 1 – 78 or comprising the wrapping tape according to claim 8 or comprising the 5 wrapping tape obtainable by the process according to claim 9..
11. 11. Shaped article according to claim 10, wherein the shaped article is an oil or gas line or pipe.
12. 12. Process for covering a shaped article with a wrapping tape, wherein the wrapping tape comprises:
 - 10 (a) a first layer comprising a film, said film comprising a polymer or a copolymer of one or more α -olefins and/or diolefins, and
 - (b) a second layer comprising the composition according to any one of claims 1 – 7.
13. 13. Process according to claim 12, wherein the surface of the shaped article is 15 cleaned to a St-2 level according to NEN-EN-ISO Standard 8501-1 prior to the application of the wrapping tape.
14. 14. Process according to claim 12 or claim 13, wherein the wrapping tape is wrapped around the shaped article such that subsequent layers of the wrapping tape overlap each other.
- 20 15. 15. Process according to any one of claims 12 – 14, wherein after the wrapping tape has been applied, an outerwrap film is wrapped around the shaped article.
16. 16. Process according to claim 15, wherein the outerwrap film is selected from films comprising one or more polyolefins.
- 25 17. 17. Process according to claim 16, wherein the polyolefin is selected from the group consisting of ethylene homopolymers, ethylene copolymers, ethylene vinylchloride copolymers, ethylene vinylacetate copolymers.